

PUBLIC NOTICE

PERMIT APPLICATION: NRS # 04.205

APPLICANT: City of Elizabethton
136 South Sycamore Street
Elizabethton, TN 37643
(423) 542-1502

LOCATION: Doe River Mile 5.84
Carter County

WATERSHED DESCRIPTION: The Doe River is part of the Watauga River Watershed (HUC 06010103). The project area is surrounded by low mountains bordering the Cherokee National Forest and lies between the towns of Hampton and Elizabethton. The site for the project is approximately 105 feet wide with steep sloping banks. Substrate at the crossing consists of sand and various sizes of rock (dominant boulder) with a bedrock outcrop. The deepest water at the proposed crossing was 1.5 feet in November 2003. This river is classified as Tier II waters.

PROJECT DESCRIPTION: The applicant proposes an open cut crossing of the Doe River for the installation of a 16" water transmission line. The water line is a replacement line for the water supply for the City of Elizabethton, whose existing line is located on the deteriorating Old Highway 19E bridge. Work within the stream channel will be conducted in slack-water conditions within a staged (i.e. moved in sections across the river) clean stone, u-shaped cofferdam. In-stream work is anticipated to last 4 to 5 days. The new line will be buried a minimum of four feet beneath the streambed. Concrete will be poured on the rock-faced stream banks to secure the water line within the cuts (roughly 4' wide). Approximately 300 cubic yards of existing streambed material will be removed at the installation site and it is anticipated that 50% of the material will be used to restore the streambed and banks.

PERMIT COORDINATOR: Juliana W. Kyzar

UGGS TOPOGRAPHIC QUADRANGLE: Elizabethton, 207 SW





